



Greens Grinding Operations

Standard Operating Procedure

REFUSE
DISPOSAL
DIVISION

Greens Processing: Diamond Z Grinder/ Excavator/ Wheel Loader

Grinder Responsibilities:

1. Complete Checkout sheet; record equipment hours (EMS Document Control No. RDD-F-GP-01).
2. Startup machine (see *E6000 Startup Procedure*).
3. Set up RPM's and conveyor – Tub speed applicable for material to be ground.
4. Every 2 hours check hammers and tips for any FOD damage that can occur while grinding.
5. Shutdown machine (see *E6000 Lockout Procedure*).
***Note** – Always allow five-minute cool down prior to engine shut-off.
6. Record ending hours.
7. Note and report any damage or machinery malfunction and to Operations Supervisor

Excavator Responsibilities:

1. Complete Checkout sheet; record equipment hours (EMS Document Control No. RDD-F-GP-01).
2. Startup machine.
3. Feed material to Grinder.
4. Separate any contaminants in the Green waste
5. Shutdown machine. ***Note** – Always allow machine a five minute cool down prior to engine shut-off.
6. Record ending hours.
7. Note and report any damage or machinery malfunction to Operations Supervisor.

Wheel Loader Responsibilities:

1. Complete Checkout sheet, record equipment hours (EMS Document Control No. RDD-F-GP-01).
2. Startup machine.
3. Integrate the City packer material and the public material.
4. Keep stockpiled material close to excavator for efficient grinding operations.
5. Stockpile processed material to a staging area, maintaining a smooth working surface for windrow production.
6. At end of working day, cleanup around the circumference of the E6000 area.
7. Shutdown machine. ***Note** – Always allow five minute cool down prior to engine shut-off.



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Benefit of Compliance to Instruction:

- Efficiency factor greater
- Faster grinding
- Less operating cost
- Reduce fuel consumption
- Airborne particulates kept to a minimum

Consequence of Non-Compliance to Instruction:

- Slower grinder operation
- Higher operational cost
- Fuel consumption much higher
- Airborne particulates are significantly higher due to the longer grinding process
- Employees breathe excessive particulate matter
- Violations and/or fines from Regulatory Agency

Environmental Management System (EMS) – ISO 14001

Process Map #: GP-1.0

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